

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A ~~moulded~~ molded body obtained via a shaping process that takes place under pressure, ~~composed~~ comprised of:

[[·]] at least one plant- or animal-derived fiber material,

[[·]] at least one thermoplastic or thermoset selected from the group consisting of polyethylene, polypropylene, PVC, melamine, polyurethane, polyester, polyamide, polymethyl meth-acrylate, polyvinyl acetate, polystyrene, poly-carbonate, and polybutene[[,]]; and

[[·]] at least one water-binding biopolymer,

~~and also, based on the total weight, if appropriate from 0.2 to 20% by weight of plasticizers, fillers, adhesion promoters, lubricants, heat stabilizers and/or UV stabilizers, antioxidants, or flame retardants,~~

~~characterized in that~~

~~its wherein~~ water content of the body immediately after its production is > 8.0% by weight, preferably ~~≥ 8.5% by weight, particularly preferably ≥ 9.0% by weight, and in that it~~ the body is not expanded.

2. (Currently Amended) The ~~moulded~~ molded body as claimed in claim 1, wherein the ~~characterized in that its~~ water content is up to 15% by weight, ~~preferably up to 12% by weight.~~

3. (Currently Amended) The ~~moulded~~ molded body as claimed in ~~either of claims 1 and 2,~~ characterized in that it claim 1, which comprises an amount of from 5 to 95% by weight, ~~in particular from 30 to 80% by weight, of~~ the plant-derived fiber material, ~~e.g. wood fibers, wood flour, wood chips, cellulose-containing materials, such as waste paper, hemp, straw, flax, agricultural fiber materials, or mixtures thereof.~~

4. (Currently Amended) The ~~moulded~~ molded body as claimed in ~~any of claims 1 to 3,~~ characterized in that claim 1, wherein the amount ~~present~~ of the thermoplastic or thermoset or of a mixture thereof is from 2 to 90% by weight, ~~in particular from 5 to 50% by weight.~~

5. (Currently Amended) The ~~moulded~~ molded body as claimed in ~~any of claims 1 to 4,~~ characterized in that it claim 1, which comprises an amount of from 5 to 50% by weight, ~~in particular from 10 to 30% by weight,~~ of water-binding biopolymer, ~~e.g. starch, starch-containing plant parts, pectin, lignin, hemicellulose, chitin, or mixture thereof.~~

6. (Currently Amended) The ~~moulded~~ molded body as claimed in ~~any of claims 1 to 5,~~ characterized in that its claim 1, having a density is ~~of~~ from 0.8 to 2.0 g/cm³, ~~preferably from 1.0 to 1.5 g/cm³.~~

7. (Currently Amended) The ~~moulded~~ molded body as claimed in ~~any of claims 1 to 6,~~ characterized in that it is ~~obtainable~~ claim 1, produced via a shaping process that takes place under pressure and after a plastic or thermoplastic forming process ~~that takes place under pressure.~~

8. (Currently Amended) The ~~moulded~~ molded body as claimed in claim 7, ~~characterized in that it can be~~ produced via compression molding, pelletizing, injection-compression molding, or injection molding.

9. (Currently Amended) A process for ~~production of a moulded~~ producing a molded body as claimed in any of claims 1 to 8, characterized in that comprising the steps of:

[[·]] mixing raw materials ~~composed~~ comprised of plant- ~~and/or~~ or animal-derived fiber material ~~whose~~ having a moisture content is from 5 to 20% by weight, ~~preferably from 8 to 15% by weight,~~ of at least one thermoplastic or thermoset selected from the group consisting of polyethylene, polypropylene, PVC, melamine, polyurethane, polyester, polyamide, polymethyl methacrylate,

polyvinyl acetate, polystyrene, polycarbonate, and polybutene, and of at least one water-binding biopolymer, ~~and, based on the total weight, if appropriate, from 0.2 to 20% by weight of plasticizers, fillers, adhesion promoters, lubricants, heat stabilizers and/or UV stabilizers, antioxidants, or flame retardants, and, if appropriate, water are mixed to give a raw material mixture whose~~ having a moisture content is > 8% by weight, preferably up to 20% by weight, particularly preferably up to 15% by weight;

~~the raw material mixture is, if appropriate, heated;~~

~~the raw material mixture, if appropriate heated, is, if appropriate, formed - plastically or thermo-plastically under increased pressure, and also, if appropriate, with increased temperature - to give a molding composition;~~

~~the raw material mixture, if appropriate heated, or~~ and shaping the raw material mixture molding composition is shaped under pressure, and also, if appropriate, with increased temperature, to give produce a non-expanded moulded molded body.

10. (Currently Amended) The process as claimed in claim 9, further comprising characterized in ~~that the shaping process that takes place~~ the ingredients under pressure ~~takes place~~ via compression molding, pelletizing, injection-compression molding, or injection molding.

11. (New) The molded body of claim 1, wherein based on the total weight, the body is comprised 0.2 to 20% by weight of plasticizers, fillers, adhesion promoters, lubricants, heat stabilizers and/or UV stabilizers, antioxidants, or flame retardants.

12. (New) The process as claimed in claim 9, wherein based on the total weight, the raw material comprises from 0.2 to 20% by weight of plasticizers, fillers, adhesion promoters, lubricants, heat stabilizers and/or UV stabilizers, antioxidants, or flame retardants.

13. (New) The molded body as claimed in claim 3, wherein the fiber material is selected from the group consisting of wood fibers, wood flour, wood chips, and cellulose-containing materials, wherein the cellulose containing material is selected from the group consisting of waste paper, hemp, straw, flax, agricultural fiber materials, and mixtures thereof.

14. (New) The process claimed in claim 5, wherein the water-binding polymer is selected from the group consisting of starch, starch-containing plant parts, pectin, lignin, hemicellulose, chitin, and mixtures thereof.

15. (New) The process as claimed in claim 9, further comprising heating the raw material mixture.

16. (New) The process as claimed in claim 15, further comprising applying pressure to the raw material mixture sufficient for producing a molding composition plastically or thermoplastically.

17. (New) The process as claimed in claim 16, further comprising increasing the temperature of the raw material mixture during the production of the molding composition.

18. (New) The process as claimed in claim 9, further comprising supplying increased temperature during the shaping of the raw material mixture.

19. (New) The process as claimed in claim 15, wherein the raw material shaping is performed under an increased temperature.

20. (New) The process as claimed in claim 16, wherein the pressure is applied under an increased temperature.

21. (New) The process as claimed in claim 17, wherein increased temperature is supplied during the shaping of the raw material mixture.

22. (New) The process as claimed in claim 9, further comprising mixing water in the raw material mixture.

23. (New) The process as claimed in claim 15, further comprising mixing water in the raw material mixture.

24. (New) The process as claimed in claim 16, further comprising mixing water in the raw material mixture.

25. (New) The process as claimed in claim 17, further comprising mixing water in the raw material mixture.

26. (New) The process as claimed in claim 18, further comprising mixing water in the raw material mixture.

27. (New) The process as claimed in claim 19, further comprising mixing water in the raw material mixture.

28. (New) The process as claimed in claim 20, further comprising mixing water in the raw material mixture.

29. (New) The process as claimed in claim 21, further comprising mixing water in the raw material mixture.